

PATENT

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**TELECOMMUNICATIONS NETWORK HAVING A SWITCH
EQUIPPED WITH AN IVR PROVISIONING/MONITORING SYSTEM**

Abstract of the Disclosure

A switching device having an IVR provisioning/monitoring system and an associated method to reprovision and/or monitor a switch. Audible sounds are detected and analyzed to determine if they are audibilized commands which contains reprovisioning instructions. If an audible sound is determined to be an audibilized command containing reprovisioning instructions, the switch is reprovisioned in accordance with the reprovisioning instruction. To determine if the detected audible sound is an audibilized command containing reprovisioning instructions, the audible sound is digitized for comparison with plural recognizable commands. If the digitized audible sound matches one of the recognizable commands, reprovisioning instructions contained in the digitized audible sound is executed. Prior to analyzing detected audible sounds to determine if they are audibilized commands containing reprovisioning instructions, the detected audible sounds are first analyzed to determine if they are an authorization code. If an authorization code is detected, subsequent audible sounds are analyzed to determine if they are audibilized commands containing reprovisioning instructions. The— reprovisioning/monitoring system may be further operated in a monitoring mode where events are propagated to an expert system module for determining if an alert or other notification should be issued in response to the detected event.